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November 8, 2001 (11:55AM)



Docket: AM-1622.D1

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Date: 8 November 2001 Ingrid C. Mallory  
Ingrid C. Mallory

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hong SHIH et al.

Attorneys Docket: AM-1622.D1

Serial No.: 09/489,356

Art Unit No.: 1763

Filed: January 21, 2000

Examiner: R. Zervigon

For: "COATING BORON CARBIDE ON ALUMINUM"

Commissioner of Patents and Trademarks  
Washington, DC 20231

AMENDMENT UNDER 37 CFR §1.111

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Sir:

In response to the Office Action of August 8, 2001, please amend the above application as follows:

Please replace the claims with:

- B. 1. (Already Amended) A method of coating boron carbide on an aluminum-based substrate, comprising the steps of:
- roughening a surface of a substrate to a value of surface finish  $R_a$  of at least 2.5 $\mu$ m, wherein said substrate is composed of an aluminum-based material selected from the group consisting of substantially pure aluminum and aluminum alloys including at least 90 wt% elemental aluminum;